

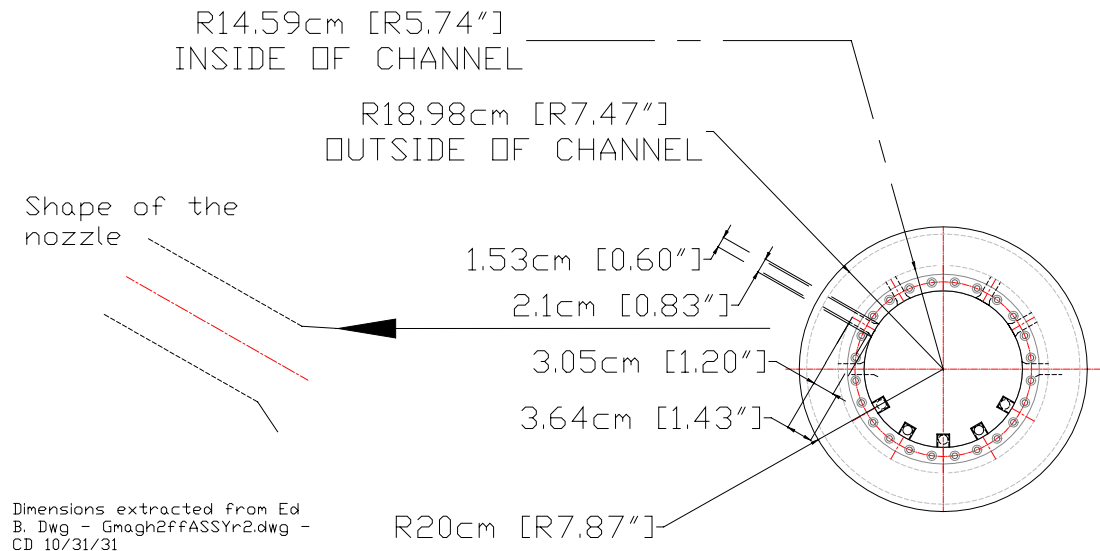
Pressure drop in the LH2 loop

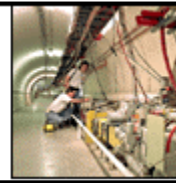
- ★ 1D analysis of the total pressure drop at the pump inlet and outlet
- ★ Hydrogen mass flow: 550 g/s
- ★ Pressure/temperature of Hydrogen: 1.7b/17K

Absorber flow circuit:

Supply: 13 nozzles

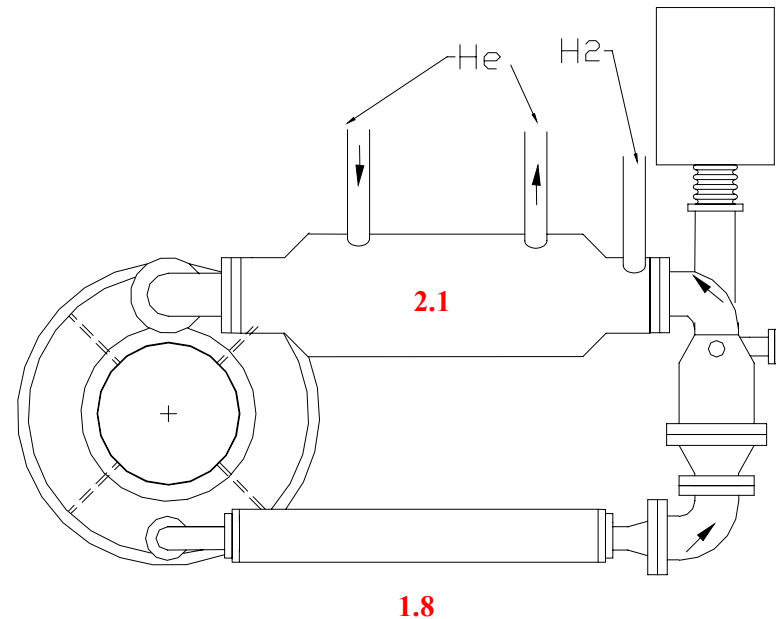
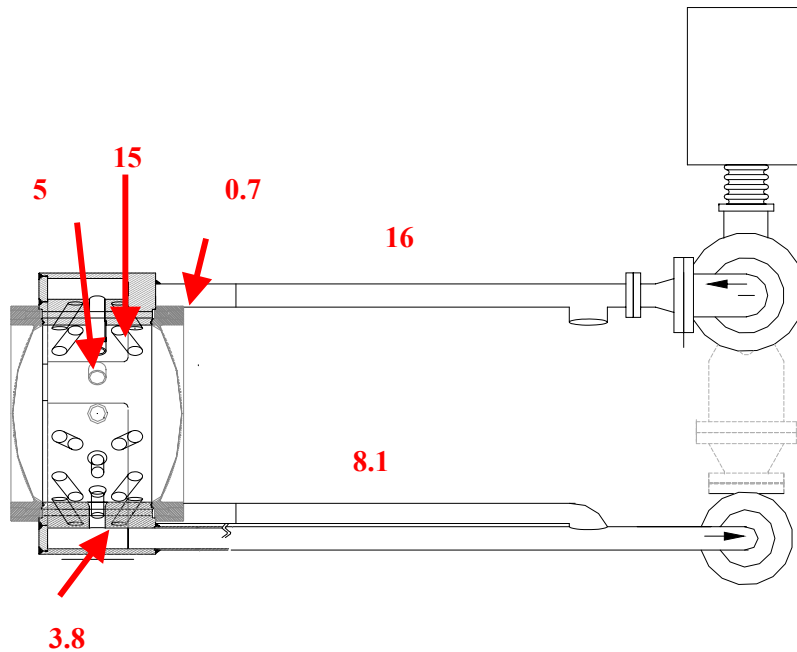
Return: 19 nozzles





Pressure drop

Map of the pressure drop: Delta-P (10^{-3} psi)



C/C: The total Pressure drop through the system is $52.5 \cdot 10^{-3}$ psi (356 Pa)